

IN THE CLAIMS:

Please cancel claims 21-106 without prejudice.

In accordance with the Revised Rules under 37 C.F.R. 1.121, please amend the claims as shown below and indicated as "currently amended." Also shown below are claims that may be original, cancelled, withdrawn, previously presented, new, and not entered.

1. (original) A folded dipole having a dipole axis and a pair of arms which together have a profile which is concave on one side and convex on the other when viewed along the dipole axis.
2. (original) A folded dipole according to claim 1 wherein the arms are at least partially curved.
3. (original) A folded dipole according to claim 2 wherein the arms have curved portions which have a substantially constant radius of curvature.
4. (original) A folded dipole according to claim 2 wherein the arms are at least partially curved in a plane substantially orthogonal to the dipole axis.
5. (original) A folded dipole according to claim 1 wherein the pair of arms meet at a corner.
6. (original) A folded dipole according to claim 5 wherein the corner subtends an angle lying in the range of 80° to 100°.
7. (original) A folded dipole according to claim 5 wherein each arm is substantially straight.
8. (original) A folded dipole according to claim 5 wherein the corner is truncated.

9. (original) A folded dipole according to claim 1 further comprising an input section coupled to a concave side of the pair of arms.
10. (original) A folded dipole according to claim 1 wherein the pair of arms are formed of sheet material.
11. (original) A folded dipole according to claim 10 wherein both arms are formed from the same sheet.
12. (original) A folded dipole according to claim 1 further comprising a first feed leg coupled to one of the arms and a second feed leg coupled to the other arm.
13. (original) An antenna comprising a ground plane; and a folded dipole according to claim 1 arranged with its dipole axis directed away from the ground plane.
14. (original) A base station including an antenna according to claim 13.
15. (original) A communication system including a network of base stations according to claim 14.
16. (original) A dipole box comprising two or more folded dipoles arranged around a central region, each folded dipole having a dipole axis and a pair of arms which together have a profile which is concave on one side and convex on the other when viewed in plan perpendicular to the central region.
17. (original) A dipole box according to claim 16 wherein each pair of arms has a curved portion with a centre of curvature which is located in the central region.

18. (original) A dipole box according to claim 16 comprising four or more folded dipoles arranged around the central region.
19. (original) A dipole box according to claim 18 wherein the dipoles are arranged as orthogonally opposed pairs.
20. (original) A dipole box according to claim 19 wherein each pair of dipoles is oriented at about $\pm 45^\circ$ with respect to vertical.

Claims 21-106 (cancelled)